



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/700,132

11/03/2003

Dave R. Dehart

10015848-1

3690

22879

7590

04/26/2007

HEWLETT PACKARD COMPANY

P O BOX 272400, 3404 E. HARMONY ROAD

INTELLECTUAL PROPERTY ADMINISTRATION

FORT COLLINS, CO 80527-2400

EXAMINER

KUMAR, ANIL N

ART UNIT

PAPER NUMBER

2109

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
--	-----------	---------------

3 MONTHS

04/26/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/700,132

Applicant(s)

DEHART, DAVE R.

Examiner

Anil N. Kumar

Art Unit

2109

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to the amendments filing of March 14th, 2007. Original Claims (2-5, 8,12-13 and 20), and amended claims (1, 6-7, 9-11 and 14-19) are pending and have been considered below.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 7, 9-12, 14-15 and 17-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee (US 6,628,413 B1).

Claims 1, 9 and 14: Lee discloses a method and system for providing printer information to a user (i.e. ... provide a bi-directional communications between an application or printer driver and a java printer... col 2 lines 43-46 and Figs. 1 and 2), the method comprising:

- displaying a dialog box to a user in response to a user input (the page shown in Fig. 3 is displayed in response to a request for a document) (col 4 lines 56-

60), the dialog box including a link to a Web page (hypertext link 134), the Web page comprising information corresponding to a printer being used by the user (i.e. ... on-line information can be provided by selecting a hypertext link 134... col 5 lines 12-17 and Fig. 3);

- and in response to the user actuating the link (selecting hypertext link 134) (col 5 lines 12-15), providing the user with the information corresponding to the printer (" Or, if need help, press Help" Fig. 3).

Claims 2 and 12: Lee discloses a method and system for providing printer information to a user, as in above claims 1 and 9, respectively. Furthermore, Lee discloses wherein:

- the dialog box comprises multiple pages (Figs. 3-4);
- and in displaying the dialog box to the user, the link is provided on a first of the pages that is displayed ("hypertext link 134" Figs. 3-4)

Claim 3: Lee discloses a method and system for providing printer information to a user, as in above claim 1. Furthermore, Lee discloses print dialog box (Fig. 3).

Claim 7: Lee discloses a method and system for providing printer information to a user, as in above claim 2. Furthermore, Lee discloses wherein the Web page comprises information corresponding to a user manual of the printer (i.e. ... on-

line information can be provided by selecting a hypertext link Help ... col 5 lines 12-17 and Fig. 3).

Claim 10: Lee discloses a method and system for providing printer information to a user, as in above claim 9. Furthermore, Lee discloses wherein, in providing information corresponding to a link to a user of a printer, the information is stored in the printer (i.e. ... local help ... col 5 lines 15-17).

Claim 11: Lee discloses a method and system for providing printer information to a user, as in above claim 9. Furthermore, Lee discloses wherein, in providing information corresponding to a link to a user of a printer, the information is stored a server communicated with the printer (i.e. ... remotely stored help... col 5 lines 15-17).

Claim 15: Lee discloses a method and system for providing printer information to a user, as in above claim 14. Furthermore, Lee discloses a computer system comprising: a processor operative to execute instructions; memory communicating with the processor and operative to store instructions executable by the processor; and printer interface instructions stored by the memory (i.e. ... print server 102 includes CPU, RAM, storage, input device, ... col 3 lines 29-51 and Figs. 1-2), the printer interface instructions being operative to display a print

dialog box to the user in response to a user input (the page shown is Fig. 3 is displayed in response to a request for a document) (col 4 lines 56-60), the link being displayed in association with the print dialog box (the page includes hypertext link 134, col 5 lines 12-15).

Claim 17: Lee discloses a method and system for providing printer information to a user, as in above claim 15. Furthermore, Lee discloses a printer communicating with the computer system (Fig. 1).

Claim 18: Lee discloses a method and system for providing printer information to a user, as in above claim 15. Furthermore, wherein the link display system is stored by the printer (i.e. Java printer software stored in device 110, Fig. 2).

Claim 19: Lee discloses a method and system for providing printer information to a user, as in above claim 15. Furthermore, Lee discloses wherein the link display system is stored by the computer system (i.e. Java printer software stored in Windows NT server 102, Fig. 1).

Claim 20: Lee discloses a method and system for providing printer information to a user, as in above claim 14. Furthermore, Lee discloses means for displaying the link (Figs. 3-6).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 4-6, 8, 13 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Lee (US 6,628,413 B1) in view of Ogino et al. (US 2002/0054109 A1).

Claim 4: Lee discloses a method and system for providing printer information to a user, as in above claim 3, and further discloses displaying multiple pages; and the link is provided on a first of the pages (Figs. 3-4). Lee does not disclose wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays multiple pages. However, Ogino et al. disclose wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays multiple pages (Fig. 4). Therefore, it would have been obvious to one having ordinary skill in the art at the time to provide these features, in Lee. One would be motivated to provide property actuator in GUI-

based user interface, as it would be efficient and very helpful for users to go to multiple pages, especially since this type of interface is very common in print dialog screens.

Claim 5: Lee discloses a method and system for providing printer information to a user, as in above claim 3, and further displays multiple pages; and the link is provided on one of the pages (Figs. 3-4). Lee does not disclose wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays multiple pages. However, Ogino et al. disclose wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays multiple pages (Fig. 4). Therefore, it would have been obvious to one having ordinary skill in the art at the time to provide these features, in Lee. One would be motivated to provide property actuator in GUI-based user interface, as it would be efficient and very helpful for users to go to multiple pages, especially since this type of interface is very common in print dialog screens.

Claim 6: Lee discloses a method and system for providing printer information to a user, as in above claim 3, but does not disclose wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays a Layout page, a Print Quality page, an About page and a Support Manual page; and the link is provided on the Support Manual. However, Ogino et al. disclose

wherein the print dialog box comprises a Properties actuator, which, in response to actuation thereof, displays a Main, a Paper, Finish, Image Quality and Retention; and the link is provided on the Option (Fig. 6b). Therefore, it would have been obvious to one having ordinary skill in the art at the time to use the same dialog box for different features like multiple pages, in Lee. One would be motivated to provide multiple page interfaces, so that the user can see all the options available at once.

Claim 8, 13 and 16: Lee discloses a method and system for providing printer information to a user, as in above claims 1 and 15. Furthermore, Lee discloses

- and in response to the user selecting one of the printers of the list, a corresponding link to a Web page that comprises the printer information associated with the printer selected is displayed (Fig. 6b).

but, Lee does not disclose a list of printers that users can choose, and a corresponding web link. However, Ogino et al. disclose:

- the method additionally comprises providing a list of printers from which the user is able to print, each of the printers having corresponding printer information associated therewith (Fig. 5);

Therefore, it would have been obvious to one having ordinary skill in the art at the time to provide this feature, in Lee. One would be motivated to provide a select list of printers, as it is very easy to select a printer from a drop down menu

than to type in the network path, which can be time consuming and error prone step.

6. Applicant's arguments with respect to Gazdik et al. (US 6847466) has been considered. Gazdik et al. is no longer considered in this rejection. Claims 1-20 are being rejected under new grounds as see above.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Rajarajan et al. (US 6,996,778 B2) discloses User interface for managing multiple network resources

b. Center et al. (US 5,993,007) discloses System, method, and program for using animations to show page layout combinations in a user interface for submitting print jobs.

c. Feagans (US 6,366,297 B1) discloses a system and method for displaying information from a device on a display screen using application screens generated by a graphical user interface.

c. Tsuchitoi (US 2002/0091822 A1) discloses an information management apparatus, device control apparatus, information management method, and memory medium storing program

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anil N. Kumar whose telephone number is (571) 270-1693. The examiner can normally be reached on Mon-Fri EST (Alternate Fridays off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Myhre can be reached on (571) 272-6722. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ANK

4/17/2007



James Myhre

Supervisory Primary Examiner